

Harvard Forest Data Archive HF001-11

Data File:

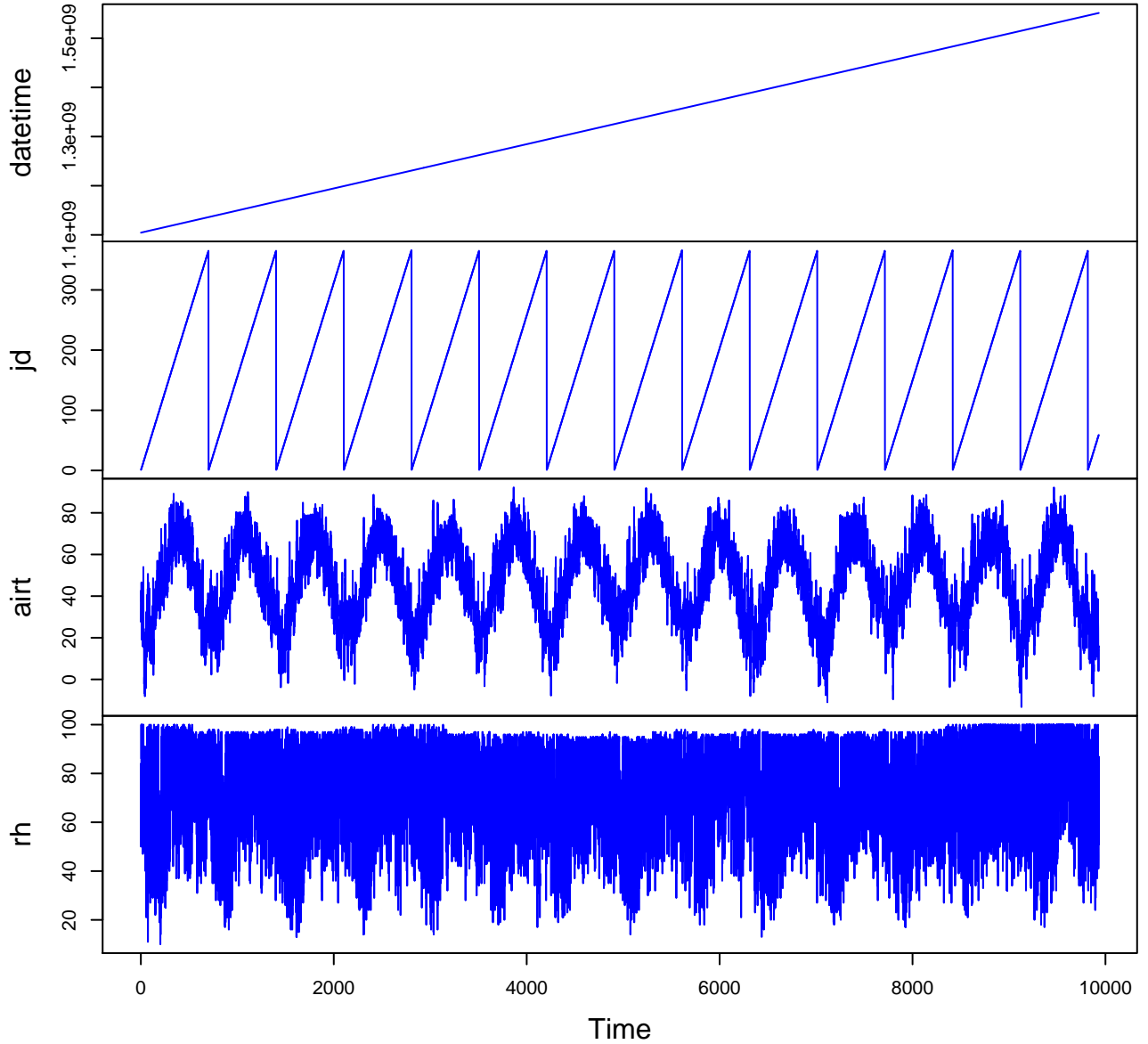
Name = hf001-11-15min-e.csv
Description = 15-minute (english) since 2005
Rows = 496512 Columns = 30
MD5 checksum = a86fd5b189924f82e1ed733c07e097de

Variables:

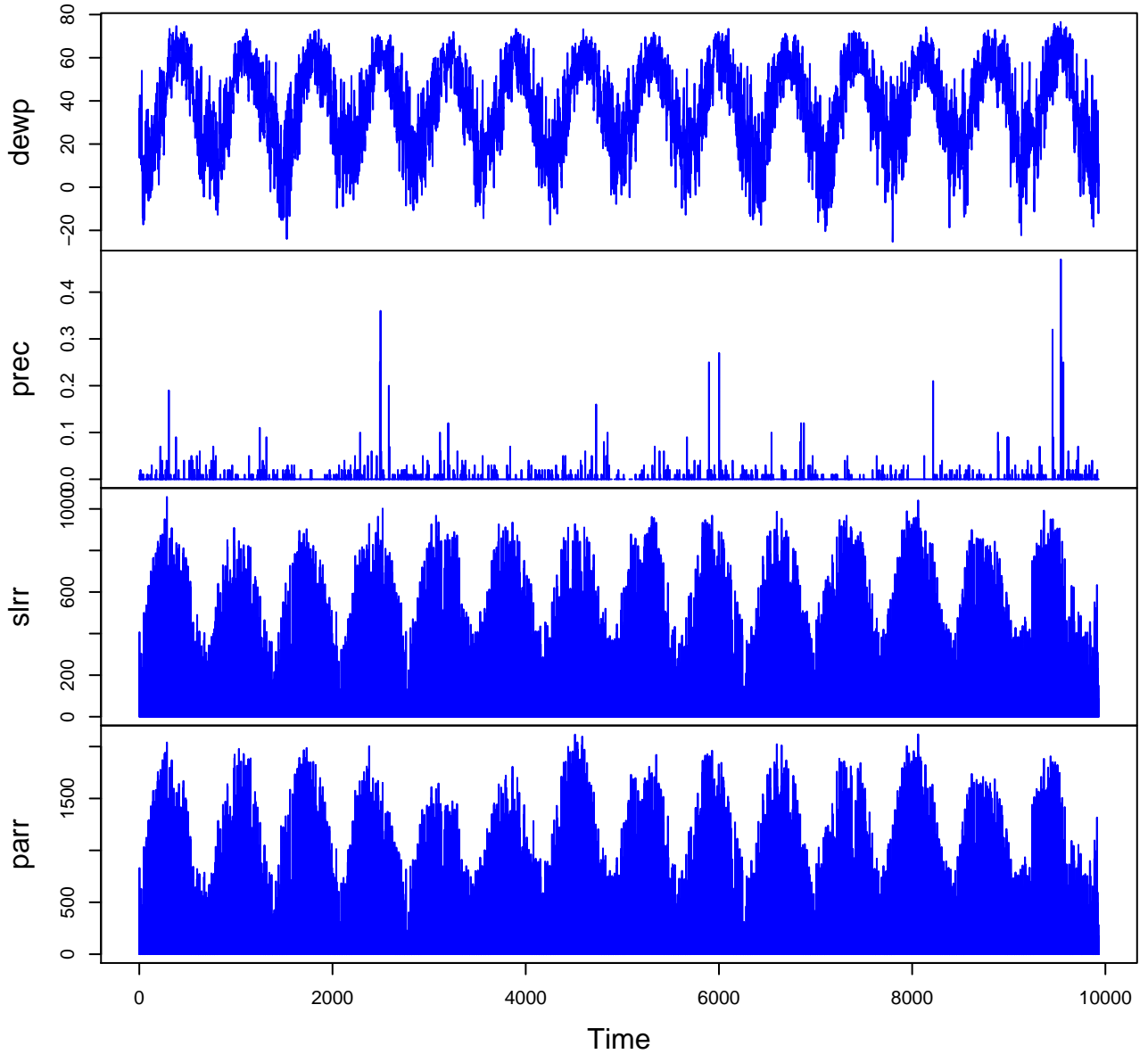
datetime = date and time at end of sampling period
jd = Julian day (nominalDay)
airt = air temperature. Average of 1-second measurements.
(fahrenheit)
rh = relative humidity. Average of 1-second measurements. (percent)
(number)
dewp = dew point. Average of 1-second values calculated from air
temperature and relative humidity (fahrenheit)
prec = precipitation. Includes water equivalent of snow. Total value
for 15-minute period. Measured in increments of 0.01 inch. (inch)
slrr = global solar radiation. Average of 1-second measurements.
(wattPerMeterSquared)
parr = photosynthetically active radiation. Average of 1-second
measurements. (micromolePerMeterSquaredPerSecond)
netr = net radiation. Includes short and long wave. Average of
1-second measurements. Corrected for wind speeds above 5 m/s using Cambell
Scientific equation. (wattPerMeterSquared)
bar = barometric pressure. Corrected for elevation. Average of
1-second measurements. (inchOfMercury)
wspd = horizontal scalar wind speed. Average of 1-second
measurements. (milesPerHour)
wres = horizontal resultant vector wind speed. Vector average of
1-second measurements. (milesPerHour)
wdir = horizontal vector wind direction. Vector average of 1-second
measurements. Measured in degrees clockwise from true north. (degree)
wdev = standard deviation of wind direction. Calculated from
1-second measurements using Campbell Scientific equation. (degree)
gspd = gust speed. Maximum of 1-second measurements. (milesPerHour)
s10t = soil temperature at 10cm depth. Average of 1-second
measurements. (fahrenheit)

Variable	Min	Median	Mean	Max	NAs
datetime	2005-01-01T00:15		2019-02-28T24:00		0
jd	1.000	181.000	181.360	366.000	0
airt	-17.500	47.700	46.847	95.400	165
rh	8.000	76.000	72.585	100.000	168
dewp	-30.600	38.300	37.343	77.200	175
prec	0.000	0.000	0.001	1.110	6033
slrr	0.000	3.000	146.523	1153.000	186
parr	0.000	7.000	292.494	2240.000	189
netr	-468.000	-8.000	50.949	786.000	193
bar	28.730	29.940	29.935	30.770	157
wspd	0.000	3.100	3.558	19.200	170
wres	0.000	2.700	3.105	18.300	170
wdir	0.000	211.000	191.822	360.000	170
wdev	0.000	27.000	27.508	80.000	170
gspd	0.000	8.500	9.553	50.400	170
s10t	31.100	50.900	51.639	80.400	336

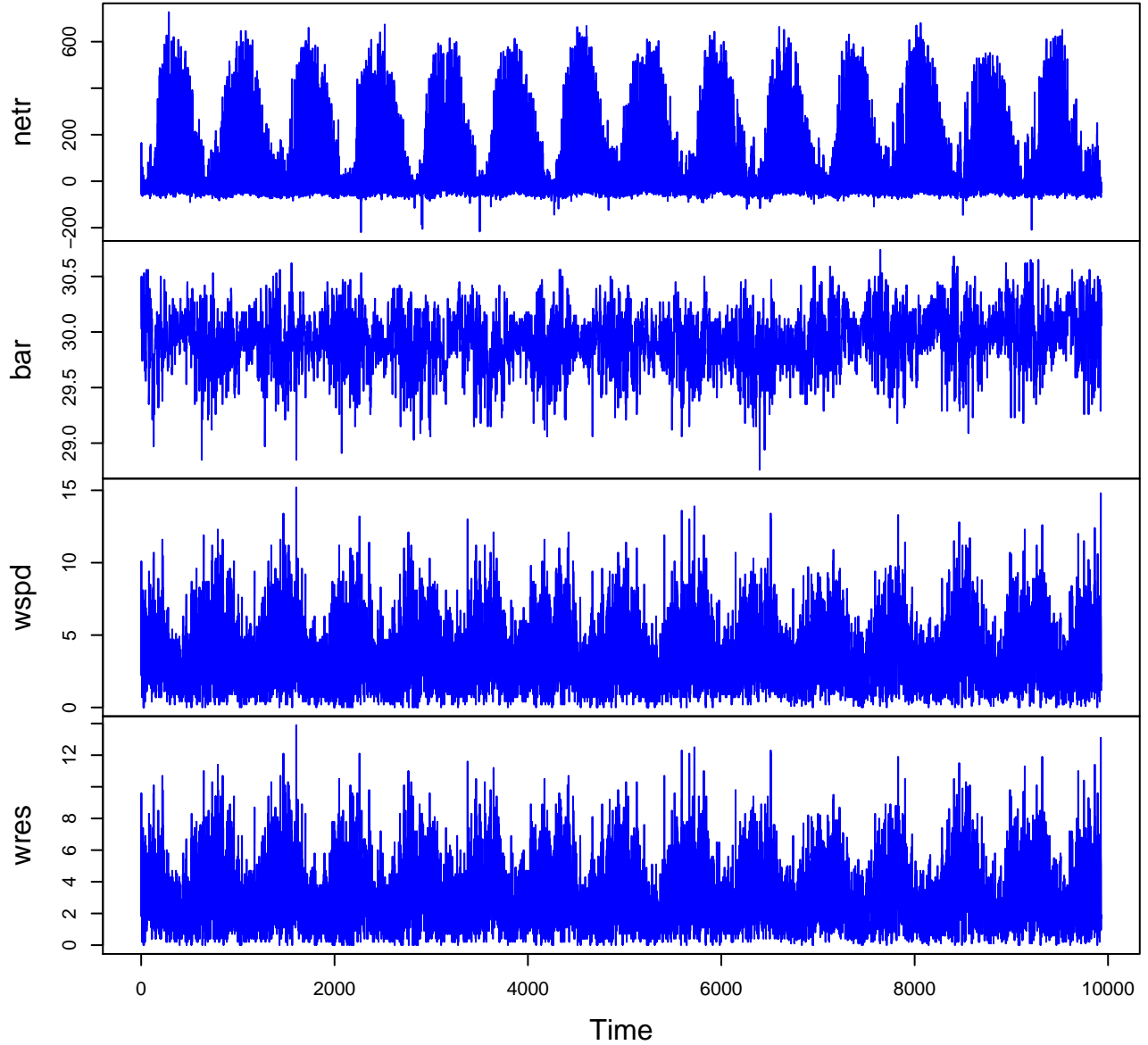
HF001-11 Plot 1



HF001-11 Plot 2



HF001-11 Plot 3



HF001-11 Plot 4

